AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1- 86 (canceled).

Claim 87 (currently amended): An integrated handheld apparatus for measuring and displaying distances between a golfer and an object on a golf course comprising:

a ~~handheld~~ computing device;

a GPS device connected to said ~~handheld~~ computing device;

an apparatus display connected to said computing device;

said GPS device adapted to produce [[ing]] measured location information corresponding to [[the]] a location of said GPS device independent of golf course infrastructure;

means, within said handheld apparatus, for modifying said measured location information to account for changes in environmental conditions to obtain corrected location information;

means, within said handheld apparatus, for determining a distance, independent of said golf course infrastructure, between [[the]] said GPS device and said object by using said corrected location information and previously stored information concerning the location of said object; and

wherein said integrated handheld computing device is adapted to selectively display [[s]]

said distance on said apparatus display.

Claim 88 (original): The apparatus of claim 87 wherein the measured location information includes latitude and longitude values corresponding to said GPS device.

Claim 89 (original): The apparatus of claim 88 wherein the measured location information includes altitude values corresponding to said GPS device.

Claim 90 (currently amended): The apparatus of claim 87 wherein said computing device, [[and]] said GPS device and said apparatus display are in a single handheld housing.

Claim 91 (original): The apparatus of claim 87 wherein said object is a green.

Claim 92 (original): The apparatus of claim 87 wherein said object is a sandtrap.

Claim 93 (original): The apparatus of claim 87 wherein said object is a water hazard.

Claim 94 (currently amended): An integrated handheld apparatus for measuring and displaying distances between a golfer and an object on a golf course comprising:

a ~~handheld~~ computing device;

a GPS device connected to said ~~handheld~~ computing device;

an apparatus display connected to said computing device;

said GPS device adapted to produce [[ing]] latitude, longitude and altitude values corresponding to [[the]] a location of said GPS device independent of golf course infrastructure;

means, within said handheld apparatus, for modifying said latitude, longitude and altitude

values to account for changes in environmental conditions to obtain corrected latitude, longitude and altitude values; and

means, within said handheld apparatus, for determining [[the]] a distance, independent of said golf course infrastructure, between said GPS device and said object by using said corrected latitude, longitude and altitude values and previously stored information concerning the location of said object, and displaying said determined distance on said apparatus display.

Claim 95 (currently amended): The apparatus of claim 94 wherein said computing device, [[and]] said GPS device, and said apparatus display are in a single handheld housing.

Claim 96 (original): The apparatus of claim 94 wherein said object is a green.

Claim 97 (original): The apparatus of claim 94 wherein said object is a sandtrap.

Claim 98 (original): The apparatus of claim 94 wherein said object is a water hazard

Claim 99 (currently amended): A method of obtaining and processing location values, independently of golf course infrastructure, for a desired point on a golf course using an integrated handheld apparatus having a computing device and a GPS device, comprising the steps of:

obtaining reference point GPS information, independent of said golf course infrastructure, using [[a]] ~~handheld~~ said GPS device reflecting a measured location of a reference point;

comparing, using said computing device, said GPS information with true location information for said reference point stored on said handheld apparatus ~~using a handheld~~

~~computing device~~ and generating one or more correction values in said ~~handheld~~ computing device based on said comparing step; [[and]]

obtaining desired point GPS information, independent of said golf course infrastructure, using said ~~handheld~~ GPS device reflecting a measured location of said desired point; and

applying said one or more correction values to said desired point GPS information using said ~~handheld~~ computing device to generate corrected location information for said desired point.

Claim 100 (original): The method of claim 99 wherein said corrected location information is used to calculate the distance between said desired point and a stored target point.

Claim 101 (original): The method of claim 100 wherein said reference point GPS information includes latitude, longitude and altitude values corresponding to said reference point.

Claim 102 (original): The method of claim 101 wherein said desired point GPS information includes latitude, longitude and altitude values corresponding to said desired point.

Claim 103 (currently amended): A method for measuring the distance between points on a golf course, independently of golf course infrastructure, using an integrated handheld apparatus having a computing device and a GPS device, the method comprising the steps of:

storing location values for multiple golf course targets ~~on a golf course~~ on said integrated handheld device based on GPS measurements taken on a first date using said GPS device;

generating, using said computing device, corrected location values, using said handheld device, based on a difference in environmental conditions on said first date and a second date;

on said second date, obtaining location information concerning a desired point using [[a]] said GPS device; and

computing, independent of said golf course infrastructure, the distance between said desired point and one of said multiple targets using said corrected location values and said location information concerning said desired point using ~~a handheld apparatus~~ said computing device.

Claim 104 (currently amended): The method of claim 103 wherein said multiple targets include [[s]] one or more greens.

Claim 105 (currently amended): The method of claim 104 wherein said multiple targets further include [[s]] one or more sandtraps.

Claim 106 (currently amended): The method of claim 105 wherein said multiple targets further include [[s]] one or more water hazards.

Claim 107 (currently amended): An integrated handheld apparatus for measuring and displaying distances between a golfer and an object on a golf course independently of golf course infrastructure comprising:

a first ~~handheld~~ computing device;

a GPS device connected to said first ~~handheld~~ computing device;

said GPS device adapted to produce [[ing]] measured location values corresponding to [[the]] a location of said GPS device;

means, within said handheld apparatus, for generating error correction values accounting for changes in environmental conditions to be applied to said measured location values; and

means for transmitting said error correction values from said integrated handheld apparatus to a second integrated handheld apparatus ~~computing device~~.

Claim 108 (original): The apparatus of claim 107 wherein said transmitting means includes an infrared transmitter.

Claim 109 (original): The apparatus of claim 107 wherein said transmitting means includes an RF transmitter.

Claim 110 (currently amended): The apparatus of claim 107 wherein said transmitting means includes a direct cable connection between said integrated handheld apparatus [[first]] and second integrated handheld apparatus ~~computing devices~~.

Claim 111 (currently amended): An integrated handheld personal golfing assistant comprising:

a ~~handheld~~ computing device having a display;

a GPS device connected to said ~~handheld~~ computing device; and

means, within said handheld personal golfing assistant, for computing, independently of a golf course infrastructure, multiple approximate distances traveled by a golf ball after being hit by a golfer using one or more golf clubs~~;~~

~~means, within said handheld personal golfing assistant, for selectively storing said~~

~~approximate differences;~~

~~means, within said handheld personal golfing assistant, for selectively storing information representing the identity of each golf club used by said golfer;~~

~~means, within said handheld personal golfing assistant, for determining the average distances traveled by a golf ball when hit by said golfer on a club by club basis;~~

~~means, within said handheld personal golfing assistant, for determining a recommended club to be used by said golfer based at least in part on said average distances; and~~

~~means for displaying information on said display representing said recommended club~~.

Claim 112 (currently amended): The personal golfing assistant of claim 147 wherein said means for determining a recommended club includes means for receiving distance information generated by said ~~handheld~~ computing device.

Claim 113 (currently amended): The personal golfing assistant of claim 147 wherein said means for determining a recommended club includes means for receiving distance information from a second integrated personal golfing assistant ~~source outside of said handheld computing device~~.

Claim 114 (currently amended): An integrated handheld personal golfing assistant comprising:

a ~~handheld~~ computing device having a display;

a GPS device connected to said ~~handheld~~ computing device;

means, within said handheld personal golfing assistant, for calculating, independently of golf course infrastructure, [[the]] an average distances traveled by a golf ball hit by a golfer on a club by club basis; and

means for displaying on said display a suggested club to be used by said golfer based on a distance [[input]] data entered by said golfer to said ~~handheld~~ computing device.

Claim 115 (currently amended): The personal golfing assistant of claim 114 wherein said distance data entered [[input]] is based on information produced by said GPS device.

Claim 116 (currently amended): The personal golfing assistant of claim 114 wherein said distance [[input] data entered is based on information entered into ~~handheld~~ said computing device from a second ~~source external of said~~ personal golfing assistant.

Claim 117 (currently amended): A method of automatically identifying a handheld device using a unique identification number comprising the steps of:

storing said unique identification number in a memory of said handheld device;

retrieving said unique identification number from said memory of said handheld device, when logging into a web site; and

permitting user access, via said handheld device, to an area of said web site in response to said unique identification number retrieved from said memory of said handheld device.

Claim 118 (currently amended): The method of claim 117, wherein [[the]] said area accessed comprises golf course data available for downloading based on a purchase [[s]] or a

subscription associated with said unique identification number.

Claim 119 (currently amended): The method of claim 117, wherein [[the]] said area accessed comprises golf course information previously recorded and uploaded to said web site by [[the]] a user.

Claim 120 (currently amended): The method of claim 117, wherein [[the]] said area accessed comprises at least one folder area [[s]] containing ~~collections of specific~~ course information ~~iton to be~~ downloadable [[ed]] to [[the]] said handheld device[[;]].

Claim 121 (currently amended): The method of claim 117, wherein [[the]] said area accessed comprises user preferred settings for [[the]] said handheld device.

Claim 122 (original): The method of claim 118, wherein golf course data to be downloaded is encrypted using a key for said unique identification number based on a static key

Claim 123 (original): The method of claim 118, wherein golf course data to be downloaded is encrypted using a key for said unique identification number based on a rotating key.

Claim 124 (currently amended): The method of claim 117, wherein one or more screens associated with said unique identification number are displayed on said handheld device ~~based on said unique identification number~~.

Claim 125 (currently amended): The method of claim 124, wherein [[the]] said one or more displayed screens comprise one or more advertising screens associated with [[for]] a group of unique identification numbers.

Claim 126 (currently amended): The method of claim 124, wherein [[the]] said one or more displayed screens comprise a sponsor screen associated with [[for]] a groups of unique identification number.

Claim 127 (currently amended): The method of claim 124, wherein [[the]] said one or more displayed screens comprise a personal startup screen corresponding to [[for]] said unique identification number.

Claim 128 (original): The method of claim 117, wherein at least one security protocol is invoked based on said unique identification number.

Claim 129 (currently amended): The method of claim 128, where [[the]] said security protocol invoke disables or reduces [[the]] a functionality of the handheld device.

Claim 130 (currently amended): The method of claim 117, further comprising the step of automatically updating a current application software on said handheld device based on said handheld device reporting, upon connection to said web site, said current application software version running on said handheld device, and said web site downloading a ~~n appropriate~~ selected application software update from a file storage area on said web site.

Claim 131 (currently amended): The method of claim 130, wherein [[the]] said application software update ~~corresponds to~~ is associated with said unique identification number of said handheld device.

Claim 132 (currently amended): The method of claim 130, wherein [[the]] said application software update ~~corresponds to~~ is associated with a group of unique identification

numbers.

Claim 133 (currently amended): The method of claim 117, whereby ~~information or~~ updated real-time data [[may be]] residing in a web site server database is streamed to said handheld device or a group of [[henad]] handheld devices ~~on unique identification number lookups associated to real-time data field updates in a web siter server database~~.

Claim 134 (currently amended): The method of claim 117 whereby data is ~~uploaded or~~ streamed in real-time from said handheld device to said web site and associated with said unique identification number of said handheld device.

Claim 135 (currently amended): The handheld apparatus of claim 87, further comprising a means for determining an accuracy potential percentage of said distance.

Claim 136 (original): The handheld apparatus of claim 87, further comprising a means for displaying wind direction to indicate relative direction of wind as viewed from a golfer's approach to a green.

Claim 137 (currently amended): The handheld apparatus of claim 87, further comprising a means for displaying pace of play of a golfer relative to a predetermined normal pace of play.

Claim 138 (new): The apparatus of claim 87 wherein said GPS device uses at least one tunable GPS parameter to produce said measured location.

Claim 139 (new): The apparatus of claim 94 wherein said GPS device uses at least one tunable GPS parameter to produce said latitude, longitude and altitude values.

Claim 140 (new): The method of claim 99 wherein said GPS device uses at least one tunable GPS parameter to obtain said reference point and desired point.

Claim 141 (new): The method of claim 103 wherein tunable GPS parameters are used to obtain said GPS measurements.

Claim 142 (new): The apparatus of claim 107 wherein said GPS device uses tunable GPS parameters to produce said measured location values.

Claim 143 (new): A method of collecting golf course related data independently of golf course infrastructure, comprising the steps of:

surveying a plurality of golf course related objects using an integrated handheld device having an interconnected computing device, a GPS device, a device display means and a stored unique identification number;

storing data for said surveyed objects on said integrated handheld apparatus;

accessing a web site using said handheld device and said unique identification number;

uploading and storing said data to a database associated with said web site; and

formatting said uploaded data for subsequent downloading by at least one authorized user accessing said web site.

Claim 144 (new): The method of claim 143, further comprising the step of:

enabling authorized access to said web site to at least one user via an integrated handheld

device having a unique identification number; and

downloading user selected data for a selected desired golf course from said database to said integrated handheld device.

Claim 145 (new): The apparatus of claim 87 wherein a representation of said object is displayed on said apparatus display and said representation varies to approximate the view of said object as seen from said golfer's line of sight.

Claim 146 (new): The apparatus of claim 145 wherein said object is a green, a moveable cross hair is displayed on said apparatus display and the distance between said handheld apparatus and the apparent position of the cross of said crosshair relative to said green is computed and displayed.

Claim 147 (new): The apparatus of claim 146 wherein said cross hair is displayed so that a portion thereof intersects the boundary of said displayed green at an intersection point and wherein the distance between said handheld apparatus and the apparent position of said intersection point relative to said green is computed and displayed.

Claim 148 (new): The apparatus of claim 147 wherein said cross hair is displayed so that one or more portions thereof intersect the boundary of said displayed green at two intersection points and wherein the distance between said handheld apparatus and the apparent position of each of said two intersection points relative to said green are computed and displayed.

Claim 149 (new): The integrated handheld personal golfing assistant of claim 111 further comprising:

means, within said handheld personal golfing assistant, for selectively storing said approximate differences;

means, within said handheld personal golfing assistant, for selectively storing information representing the identity of each golf club used by said golfer;

means, within said handheld personal golfing assistant, for determining the average distances traveled by a golf ball when hit by said golfer on a club by club basis;

means, within said handheld personal golfing assistant, for determining a recommended club to be used by said golfer based at least in part on said average distances; and

means for displaying information on said display representing said recommended club.

Claim 150 (new): The handheld apparatus of claim 87 further comprising means for displaying pre-recorded distances between two targets without the use of any data from said GPS device.

Claim 151 (new): The handheld apparatus of claim 87 wherein said means for modifying said measured location information modifies said measured location information to account for changes in environmental conditions without use of externally generated real time correction data to account for changes in environmental conditions.